HerSchy Environmental, Inc.

October 17, 2005
Project A08-21

Mr. Corey M. Walsh
Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906

Re: Results of the September, 2005 Quarterly Groundwater Monitoring, Chalk Mountain Liquor, Atascadero, California

Dear Mr. Walsh:

HerSchy Environmental is pleased to present this report summarizing the results of the September, 2005 quarterly monitoring results. The site is located at 9990 El Camino Real, in Atascadero, San Luis Obispo County, California (Figure 1). Three underground storage tanks (USTs) were removed from the site on May 7, 2004. Three new USTs were installed at a later date after approximately 40,000 gallons of groundwater were purged during excavation dewatering. Details of soil and groundwater sampling during tank removal activities are included in the June 16, 2004, "*Results of Sampling and Analysis for Underground Storage Tank (UST) Removal, Chalk Mountain Liquor, Atascadero, California*" report prepared by HerSchy Environmental, Inc.

METHODS OF INVESTIGATION

Groundwater Sampling Procedures

Groundwater samples were collected from each of the site monitoring wells (MW-1 through MW-5) on September 7, 2005. Before collecting groundwater samples, the monitoring wells were measured for static water level using an electric sounder. Depth to groundwater was recorded to the nearest 0.01 feet on the field sampling data sheets. Groundwater elevation in each monitoring well was calculated by subtracting the measured depth to groundwater from the surveyed well elevation.

Approximately three casing volumes were purged from each well prior to sampling. Depth to groundwater, total depth of the well and well diameter were used to calculate the purge volume. All monitoring wells were purged and sampled using a Waterra electric pump with dedicated hoses. Physical characteristics (temperature, electrical conductivity, and pH), were measured and recorded in the field during the initial stages of purging and prior to sampling. Samples were collected from each well and placed in three 40-milliliter bottles fitted with Teflon-lined septa. Bottles were filled to form a positive meniscus and checked after capping to ensure that no air bubbles were in the sampling containers.

Immediately after sample collection, the groundwater samples were sealed in a plastic bag and placed in an insulated chest with frozen gel packs ("blue ice"). Samples were maintained at or below four degrees Celsius until delivered to the laboratory. Samples were stored, transported and delivered under chain-of-custody documentation. Groundwater field sampling data sheets and chain-of-custody documentation are presented in Appendix A.

Laboratory Analysis

Groundwater samples were analyzed for gasoline-range total petroleum hydrocarbons (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE). Samples were analyzed using EPA method 8015M for TPHg, and EPA method 8260 for BTEX and MTBE. Groundwater samples were also analyzed for the fuel oxygenates and additives di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butanol (TBA), 1,2-dichloroethane (1,2-DCA) and ethylene dibromide (EDB) using EPA method 8260.

RESULTS OF INVESTIGATION

Hydrogeologic Conditions

For the September, 2005 sampling event, depth to groundwater averaged 2.74 feet or 948.92 feet above mean sea level based on monitoring wells MW-1 through MW-5. The elevation of groundwater beneath the site decreased 0.72 feet between the June, 2005 and September, 2005 monitoring events. Groundwater flow direction was north 88 degrees east with a gradient of 0.015. Groundwater conditions are presented graphically on Figure 1 and summarized in Table 1 below:

Table 1

Groundwater Conditions, Chalk Mountain Liquor, Atascadero, California

Well Number	Casing Elevation	Depth to GW	GW Elevation
March 11, 2004			
MW-1	992.00	1.34	990.66
MW-2	993.58	1.67	991.91
MW-3	993.61	2.28	991.33
Groundwater: N. 66 E.; Gradient: 0.012			
June 23, 2004			
MW-1	992.00	3.84	988.16
MW-2	993.58	3.63	989.95
MW-3	993.61	4.70	988.91
MW-4	Not Surveyed	1.62	-----
MW-5	Not Surveyed	2.68	-----
Groundwater: N. 52 E.; Gradient: 0.0174			
September 22, 2004*			
MW-1	951.52	2.85	948.67
MW-2	953.18	3.58	949.60
MW-3	953.18	3.98	949.20
MW-4	949.66	1.62	948.04
MW-5	950.76	2.52	948.24
Groundwater: S. 86 E.; Gradient: 0.0081			
December 21, 2004*			
MW-1	951.52	2.43	949.09
MW-2	953.18	2.93	950.25
MW-3	953.18	3.57	949.61
MW-4	949.66	1.56	948.10
MW-5	950.76	1.95	948.81
Groundwater: S. 85 E.; Gradient: 0.0093			

Table 1

Groundwater Conditions, Chalk Mountain Liquor, Atascadero, California

Well Number	Casing Elevation	Depth to GW	GW Elevation
March 16, 2005*			
MW-1	951.52	2.06	949.46
MW-2	953.18	1.97	951.21
MW-3	953.18	2.98	950.20
MW-4	949.66	0.91	948.75
MW-5	950.76	1.09	949.67
Groundwater: N. 88 E.; Gradient: 0.0112			
June 17, 2005*			
MW-1	951.52	2.22	949.30
MW-2	953.18	2.18	951.00
MW-3	953.18	3.16	950.02
MW-4	949.66	1.03	948.63
MW-5	950.76	1.49	949.27
Groundwater: N. 87 E.; Gradient: 0.017			
September 7, 2005*			
MW-1	951.52	2.60	948.92
MW-2	953.18	2.82	950.36
MW-3	953.18	3.59	949.59
MW-4	949.66	2.63	947.03
MW-5	950.76	2.04	948.72
Groundwater: N. 88 E.; Gradient: 0.015			

Elevations in feet

*Based on new survey (October 3, 2004)

Groundwater Quality

Certified analytical reports and chain-of-custody documentation are presented in Appendix B. Laboratory analytical results are summarized in Table 2 below:

Table 2

Laboratory Analytical Results for Groundwater

Chalk Mountain Liquor, Atascadero, California

Well	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA
March 11, 2004							
MW-1	ND	16	ND	ND	ND	15	390
MW-2	ND	ND	ND	ND	ND	0.78	ND
MW-3	ND	ND	ND	ND	ND	ND	ND
June 23, 2004							
MW-1	ND	ND	ND	ND	ND	6.3	70
MW-2	ND	ND	ND	ND	ND	0.55	ND
MW-3	ND	ND	ND	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND

Table 2
Laboratory Analytical Results for Groundwater
Chalk Mountain Liquor, Atascadero, California

Well	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA
September 22, 2004							
MW-1	ND	ND	ND	ND	ND	50	ND
MW-2	ND	ND	ND	ND	ND	6.4	ND
MW-3	ND	ND	ND	ND	ND	2.4	ND
MW-4	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND

As per the request of Mr. Corey Walsh of the Regional Water Quality Control Board (RWQCB), the format of Table 2 has changed to that seen below. Table 2 will be presented in this format in all future groundwater monitoring reports.

Table 2
(Continued)

Well	TPHg (50)*	Benzene (0.50)*	Toluene (0.50)*	Ethylbenzene (0.50)*	Xylenes (0.50)*	TBA (2.5)*	MTBE (0.50)*	1,2-DCA (0.50)*
December 21, 2004								
MW-1	ND	ND	ND	ND	ND	ND	19	ND
MW-2	ND	ND	ND	ND	ND	ND	6.5	ND
MW-3	ND	ND	ND	ND	ND	ND	4.7	ND
MW-4	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	39
March 16, 2005								
MW-1	ND	ND	ND	ND	ND	ND	14	ND
MW-2	ND	ND	ND	ND	ND	ND	5.1	ND
MW-3	ND	ND	ND	ND	ND	ND	6.4	ND
MW-4	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	ND
June 17, 2005								
MW-1	ND	ND	ND	ND	ND	ND	16	NA
MW-2	ND	ND	ND	ND	ND	ND	ND	NA
MW-3	ND	ND	ND	ND	ND	ND	6.2	NA
MW-4	ND	ND	ND	ND	ND	ND	ND	NA
MW-5	ND	ND	ND	ND	ND	ND	ND	NA
September 7, 2005								
MW-1	ND	ND	ND	ND	ND	ND	6.7	ND
MW-2	ND	ND	ND	ND	ND	ND	6.6	ND
MW-3	ND	ND	ND	ND	ND	ND	2.6	ND
MW-4	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	ND

All results presented in parts per billion (ppb)
* = reporting limit in ppb
NA = not analyzed
ND = below detectable concentrations
MTBE, TBA, and 1,2-DCA results by EPA method 8260

The fuel additive MTBE was detected in wells MW-1, MW-2 and MW-3 at 6.7, 6.6 and 2.6 ppb, respectively. 1,2-DCA was non-detect in all wells sampled this quarter. All other analytes were non-detect in this quarterly event.

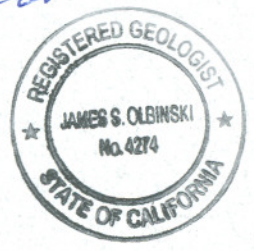
CONCLUSIONS AND RECOMMENDATIONS

Based on the low MTBE concentrations and a stable contaminant plume, it appears that contamination beneath the site does not pose a human or environmental health risk. Therefore, it remains the recommendation of HerSchy Environmental, Inc. that the subject site be closed and that no further investigation be conducted.

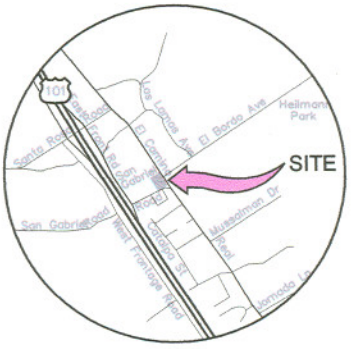
Shortly after conducting the September, 2005 monitoring event, the Regional Water Quality Control Board, Central Coast Region, Mr. Corey M. Walsh directed HerSchy Environmental, Inc. to stop all further groundwater monitoring. This is in anticipation of the property being granted site closure. If you have any questions or require additional information, please contact me at the letterhead address or at (559) 641-7320.

With best regards,
HerSchy Environmental, Inc.

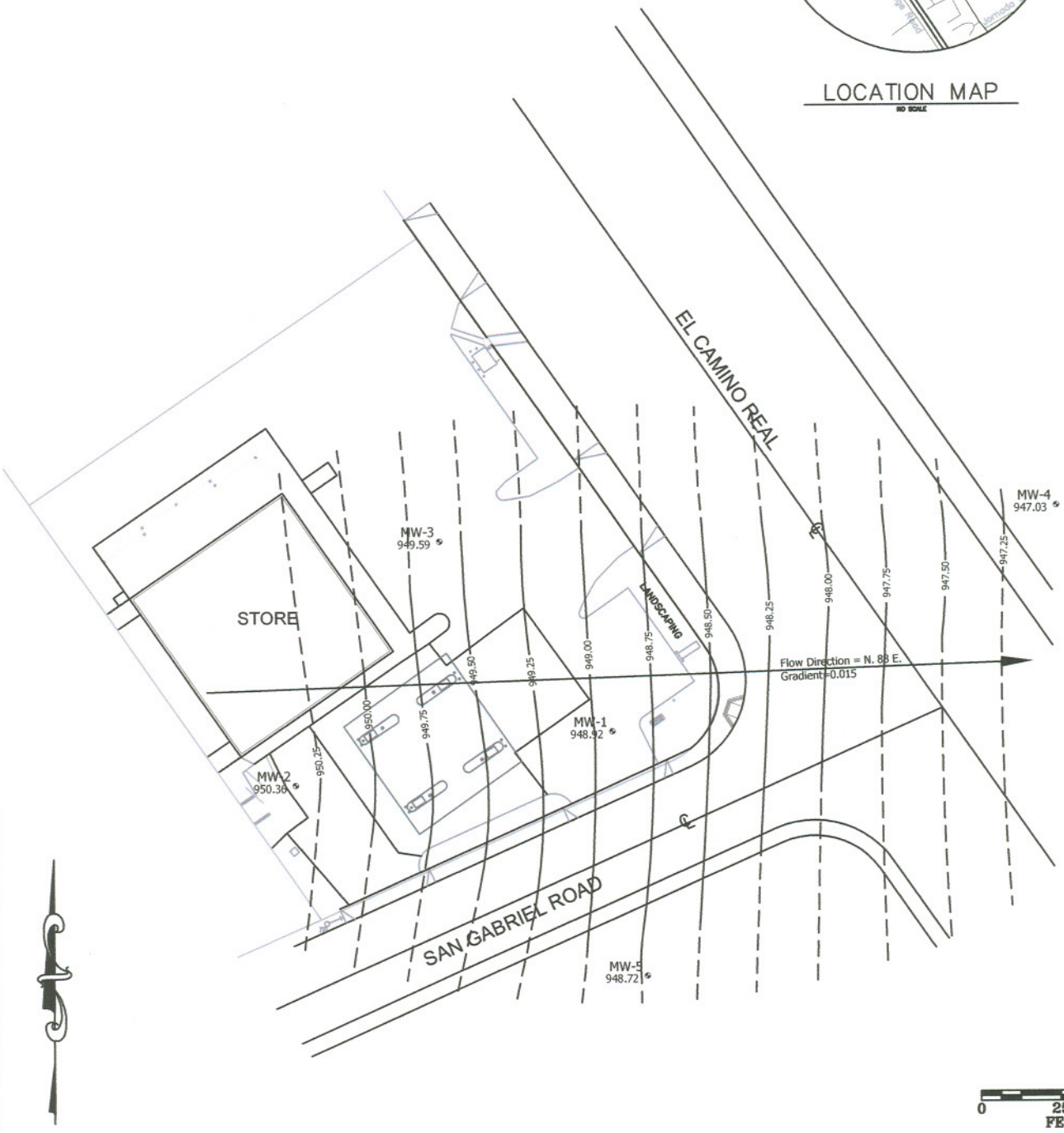
James S. Olbinski
Registered Geologist #4274



pc: Mr. Aaron LeBarre, San Luis Obispo County Public Health Agency
Mr. Roy Saunders, Jaco Oil Company



LOCATION MAP
NO SCALE



HerSchy Environmental, Inc.
Environmental Consulting and Remediation

P. O. Box 229
Bass Lake, California 93604-0229
Tel. (559) 641-7320, Fax (559) 641-7340

SEPT., 2005 GROUNDWATER CONDITIONS

CHALK MOUNTAIN LIQUOR

9990 El Camino Real, Atascadero, California

DATE:	Sept., 2005
FILE NO.:	A08-21
DRAWN BY:	JSO

FIGURE 1

APPENDIX A

GROUNDWATER FIELD SAMPLING DATA SHEETS

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: CHALK MTN Location: ATASCADERO

Purged By: WEST Sampled by: WEST

Sample ID: MW-1 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): ~~17.5~~ Volume in Casing (gal.): 2.4

Depth of Well (feet): 17.5 Calculate Purge Volume (gal.): 7.3

Depth to Water (feet): 2.60 Actual Purge Volume (gal.): 7.3+

Date Purged: 09-07-05 Date Sampled: 09-07-05 1317

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1304	1	6.98	1327	83.0	CLOUDY
1314	7.3	7.04	1317	79.0	CLOUDY

Sheen Y/N?: N Odor: NONE

Purging Equipment: WATERRA

Sampling Equipment: WATERRA

Remarks: ____

Sampler's Signature: John S. West

/Water Sample Sheet.wpd

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: CHALK MTN Location: ATASCADERO

Purged By: WEST Sampled by: WEST

Sample ID: MW-2 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): ____ Volume in Casing (gal.): 2.4

Depth of Well (feet): 17.55 Calculate Purge Volume (gal.): 7.2

Depth to Water (feet): 2.82 Actual Purge Volume (gal.): 7.2+

Date Purged: 09-07-05 Date Sampled: 09-07-05 1254

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1241	5	6.73	1261	79.0	CLOUDY
1249	7.2	6.80	1236	78.4	CLOUDY

Sheen Y/N?: N Odor: NONE

Purging Equipment: WATERRA

Sampling Equipment: WATERRA

Remarks: ____

Sampler's Signature: John S. Wood

/Water Sample Sheet.wpd

CORY WALSH 805-542-4781

03

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: CHALK MTN Location: ATASCADERO

Purged By: WEST Sampled by: WEST

Sample ID: MW-3 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): ____ Volume in Casing (gal.): 2.3

Depth of Well (feet): 17.4 Calculate Purge Volume (gal.): 6.8

Depth to Water (feet): 3.59 Actual Purge Volume (gal.): 7+

Date Purged: 09-07-05 Date Sampled: 09-07-05 1228

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1200	/	6.73	1372	78.5	CLOUDY
1223	6.8	6.74	1303	77.1	CLEAR

Sheen Y/N?: N Odor: NONE

Purging Equipment: WATERRA

Sampling Equipment: WATERRA

Remarks: ____

Sampler's Signature: John S. Wes

/Water Sample Sheet.wpd

7 OXY 5

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: CHALK MTN Location: ATASCADERO

Purged By: WEST Sampled by: WEST

Sample ID: MW-4 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): ____ Volume in Casing (gal.): 2.4

Depth of Well (feet): 17.3 Calculate Purge Volume (gal.): 7.2

Depth to Water (feet): 2.63 Actual Purge Volume (gal.): 7.2+

Date Purged: 09-07-05 Date Sampled: 09-07-05 1358

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1346	1	6.48	1831	78.4	CLOUDY
1353	7.2	6.60	1696	79.0	CLEAR

Sheen Y/N?: N Odor: SLIGHT SULFER

Purging Equipment: WATERRA

Sampling Equipment: WATERRA

Remarks: ____

Sampler's Signature: John L. West

/Water Sample Sheet.wpd

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: CHALK MTN Location: ATASCADERO

Purged By: WEST Sampled by: WEST

Sample ID: MW-5 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): ____ Volume in Casing (gal.): 2.5

Depth of Well (feet): 17.4 Calculate Purge Volume (gal.): 7.5

Depth to Water (feet): 2.04 Actual Purge Volume (gal.): 7.5+

Date Purged: 09-07-05 Date Sampled: 09-07-05 1338

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1326	-	6.98	1305	79.5	CLEAR
1334	7.5	7.01	1298	77.9	CLEAR

Sheen Y/N?: N Odor: NONE

Purging Equipment: WATERRA

Sampling Equipment: WATERRA

Remarks: ____

Sampler's Signature: John L. West

/Water Sample Sheet.wpd

APPENDIX B

CERTIFIED ANALYTICAL REPORTS

AND

CHAIN-OF-CUSTODY DOCUMENTATION

ProVera
Analytical Laboratories, Inc.

Laboratory Report

Certification # 1920

CLIENT: **HerSchy Environmental**

Project Name: **Chalk Mtn**

Matrix: AQ
Sampled by: J. West

TESTS: TPH Gas by EPA 8015M
TPH Diesel by EPA 8015M

TPH d Analysis: 9/14/2005
TPH g Analysis: 9/14/2005
Date of Report: 9/20/2005
Units: ug/l

Sample #:	8116-001	8116-002	8116-003	8116-004	8116-005	
Date Sampled:	9/7/2005	9/7/2005	9/7/2005	9/7/2005	9/7/2005	**DL ug/l**
Sample Description:	MW-1	MW-2	MW-3	MW-4	MW-5	
TPH Gasoline	ND	ND	ND	ND	ND	50
TPH Diesel	ND	ND	ND	ND	ND	50
Surrogate Recovery %	90	94	96	95	91	

DL = Detection Limit
ND - Non-Detect at given DL

Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mtn**
Analysis Type: **EPA Method 8260B**
Analysis Date: **9/14/2005**
Report Date : **9/20/2005**
Sample ID : **8116-001 MW-1**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	6.7	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	55	110%
1,2-Dichloroethane-d4	54	108%
Toluene-d8	49	98%
p-Bromofluorobenzene (BFB)	55	110%

Principal Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mtn**
Analysis Type: **EPA Method 8260B**
Analysis Date: **9/14/2005**
Report Date : **9/20/2005**
Sample ID : **8116-002 MW-2**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	6.6	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	47	94%
1,2-Dichloroethane-d4	48	96%
Toluene-d8	49	98%
p-Bromofluorobenzene (BFB)	49	98%

Principal Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mtn**
Analysis Type: **EPA Method 8260B**
Analysis Date: **9/14/2005**
Report Date : **9/20/2005**
Sample ID : **8116-003 MW-3**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	2.6	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	51	102%
1,2-Dichloroethane-d4	54	108%
Toluene-d8	51	102%
p-Bromofluorobenzene (BFB)	52	104%

Principal Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mtn**
Analysis Type: **EPA Method 8260B**
Analysis Date: **9/14/2005**
Report Date : **9/20/2005**
Sample ID : **8116-004 MW-4**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	ND	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	42	84%
1,2-Dichloroethane-d4	46	92%
Toluene-d8	51	102%
p-Bromofluorobenzene (BFB)	53	106%

Principal Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mtn**
Analysis Type: **EPA Method 8260B**
Analysis Date: **9/14/2005**
Report Date : **9/20/2005**
Sample ID : **8116-005 MW-5**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	ND	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	55	110%
1,2-Dichloroethane-d4	50	100%
Toluene-d8	50	100%
p-Bromofluorobenzene (BFB)	46	92%

Principal Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

EPA 8260B QA-QC Report
EPA 8015M QA-QC Report
Certification # 1920

CLIENT: HerSchy Environmental

Projects Covered by this QA-QC: **Chalk Mtn**
Analysis Date: **9/14/2005**
Matrix: **AQ**

BFB:

Internal Standards	**Results**	**% Recovery**
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	52	104%
1,2-Dichloroethane-d4	50	100%
Toluene-d8	54	108%
p-Bromofluorobenzene (BFB)	48	96%

IB:

Internal Standards	**Results**	**% Recovery**
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	49	98%
1,2-Dichloroethane-d4	51	102%
Toluene-d8	50	100%
p-Bromofluorobenzene (BFB)	48	96%

MS:	**Results**	**% Recovery**
1,1-Dichloroethene	43	86%
Trichloroethene	46	92%
Chlorobenzene	49	98%
Toluene	50	100%
Benzene	51	102%
p-Bromofluorobenzene (BFB)	49	98%

MSD:	**Results**	**% Recovery**
1,1-Dichloroethene	44	88%
Trichloroethene	47	94%
Chlorobenzene	49	98%
Toluene	52	104%
Benzene	54	108%
p-Bromofluorobenzene (BFB)	53	106%

8015M-TPHG

	%Recovery
BFB	95%
IB	95%
MS	100%
MSD	103%

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

PROVERA ANALYTICAL LABORATORIES

Chain of Custody Form

Client Name: HERSCHY ENVIRONMENTAL

Project Name: CHACK MTN

Client Address:

Project Manager: JIM OLBINSKI

Sampler Name: JOHN S. WEST

Analysis Requested

Sample Matrix: [X] Aqueous [ ] Soil [ ] Acidified

Sample Date	Sample Time	Sample Description and Container Type	BTEX (EPA 8021b)	MTBE (EPA 8021b)	TPH Gasoline (8015M)	TPH Diesel (8015M)	Volatiles (EPA 8260b)	5 Oxygenates (EPA 8260b)	7 Oxygenates (EPA 8260b)	MTBE (EPA 8260b)	Lead scavengers (8260b)	BTEX (8260b)	Comments
09-07-05	1317	MW-1			X	X			X		+	X	PO8116-001
	1254	MW-2											-002
	1228	MW-3											-003
	1358	MW-4											-004
	1338	MW-5											-005

Turnaround Time Requested: 24 Hour ____ 48 Hour ____ 5-Day ____ Standard X

Relinquished By: John S. West	Date: 09-07-05	Relinquished By:	Date:
Received By:	Date: 09/02/05	Received By:	Date: